

2012



Maryland Suburban Region Annual HIV Epidemiological Profile

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Data reported through December 31, 2013

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmm.maryland.gov/oideor/chse>
1-800-358-9001**

Acknowledgements

This report is published by the Center for HIV Surveillance, Epidemiology and Evaluation annually with valuable contribution from the following people listed. In addition, this report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, community groups, researchers and members of the community and contribution from people with HIV.

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Suggested Citation: Suburban Region HIV Annual Epidemiological Profile 2012. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health and Mental Hygiene, Baltimore, MD. 2015.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2013.

Population data by sex, age, and race is from the July 1, 2012 U.S. Census Estimate and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

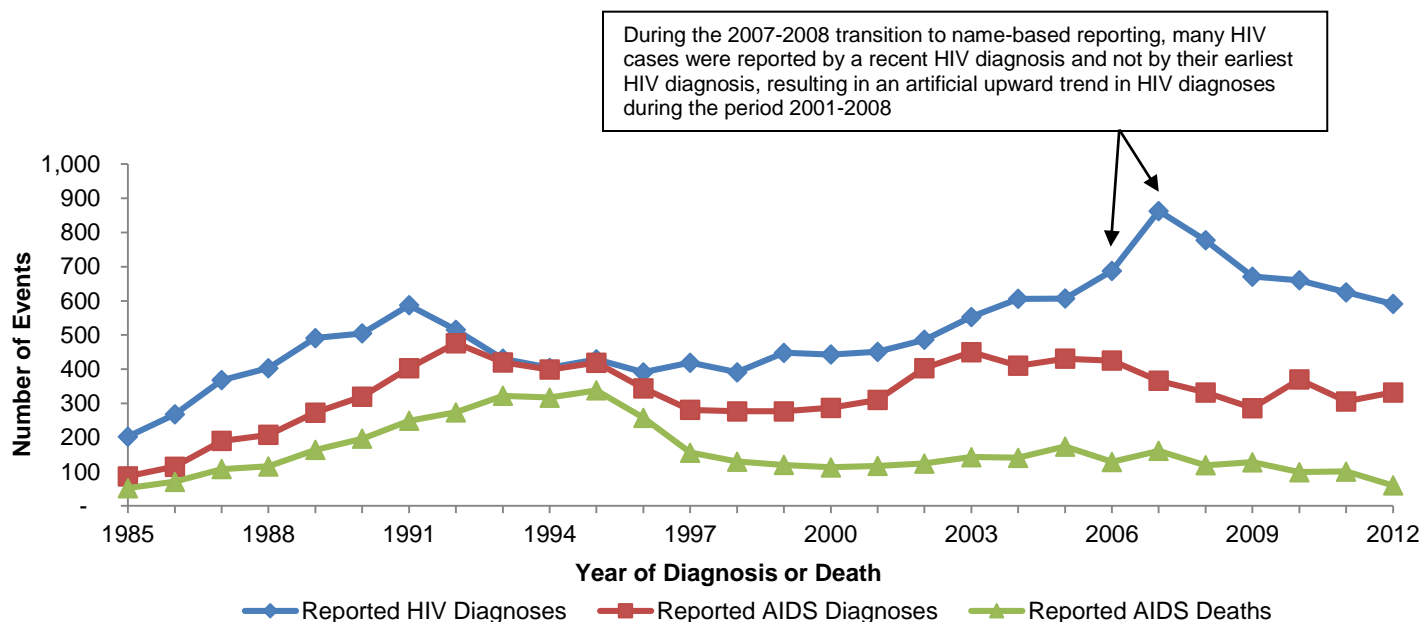
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2012

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013

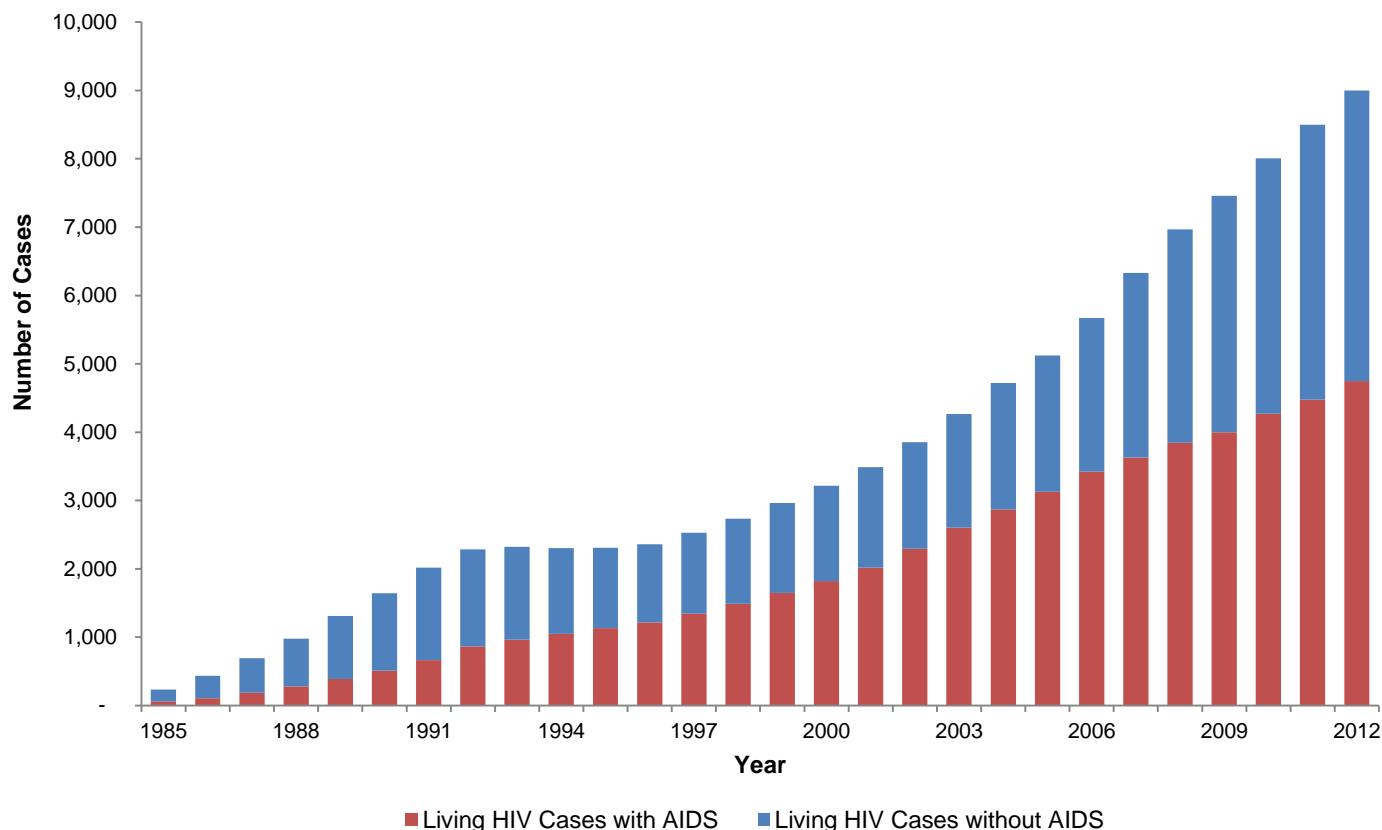
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	105	54	27	1999	448	277	120
1985	203	87	52	2000	443	287	113
1986	268	115	71	2001	451	310	117
1987	368	190	108	2002	486	403	124
1988	403	208	116	2003	553	450	143
1989	491	273	164	2004	606	410	141
1990	505	320	197	2005	607	431	174
1991	587	403	249	2006	688	425	129
1992	515	476	274	2007	863	366	161
1993	431	420	322	2008	777	332	119
1994	404	399	317	2009	671	286	128
1995	429	419	338	2010	660	370	99
1996	391	344	258	2011	625	306	101
1997	419	281	156	2012	591	332	60
1998	391	277	130	TOTAL	14,379	9,251	4,508

Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013

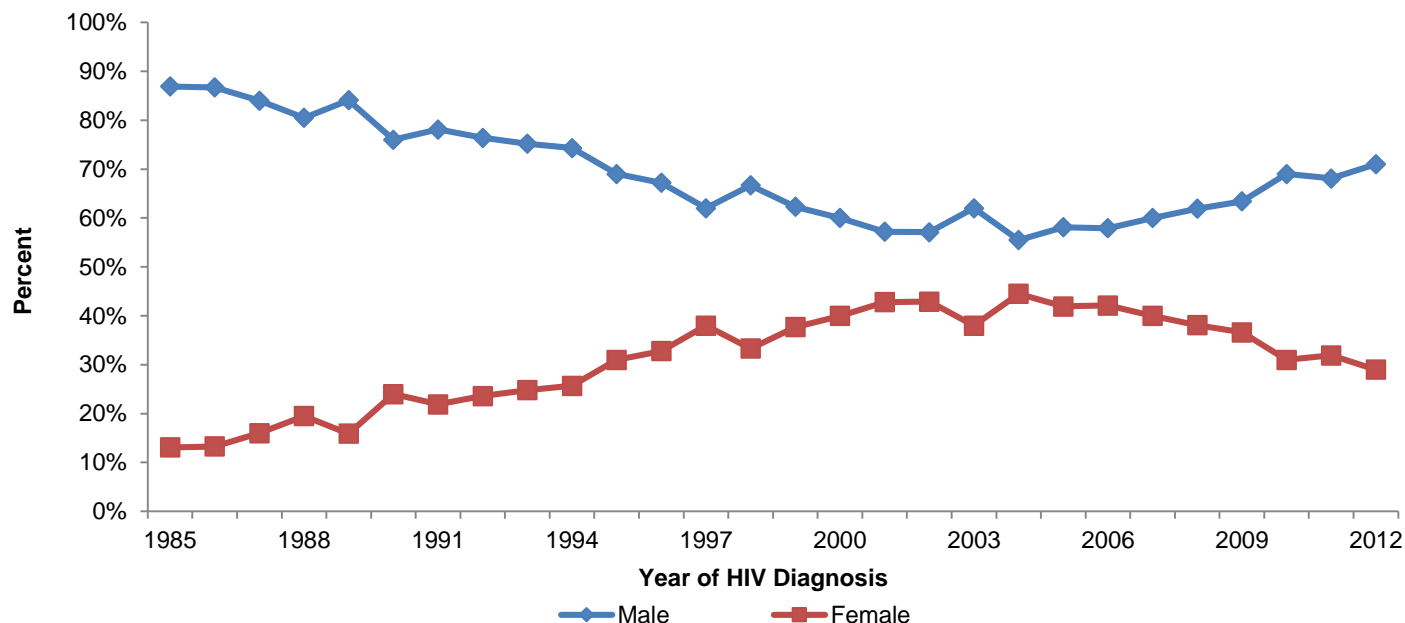
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	172	62	234	1999	1,317	1,648	2,965
1986	328	106	434	2000	1,393	1,822	3,215
1987	504	188	692	2001	1,470	2,016	3,486
1988	700	280	980	2002	1,557	2,295	3,852
1989	923	389	1,312	2003	1,665	2,602	4,267
1990	1,133	512	1,645	2004	1,847	2,871	4,718
1991	1,353	666	2,019	2005	1,994	3,128	5,122
1992	1,417	868	2,285	2006	2,244	3,424	5,668
1993	1,357	966	2,323	2007	2,701	3,629	6,330
1994	1,253	1,049	2,302	2008	3,123	3,842	6,965
1995	1,175	1,132	2,307	2009	3,457	4,000	7,457
1996	1,140	1,219	2,359	2010	3,734	4,271	8,005
1997	1,185	1,344	2,529	2011	4,024	4,476	8,500
1998	1,242	1,491	2,733	2012	4,250	4,748	8,998

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013

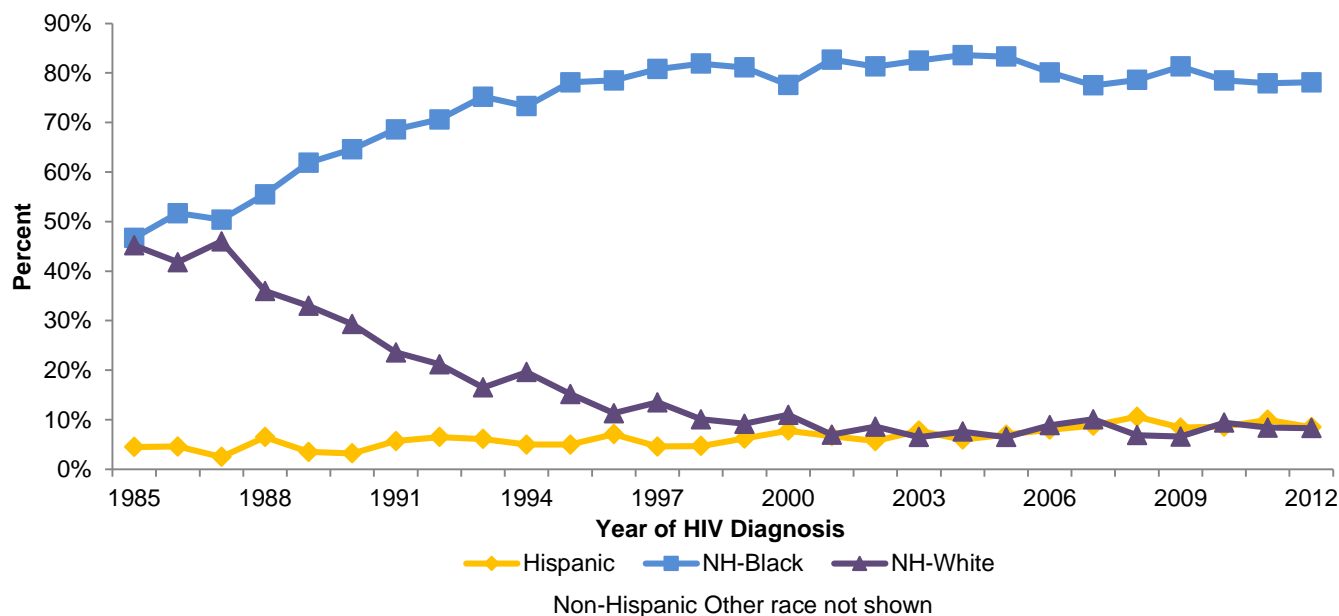
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	100	89.0%	11.0%	1999	435	62.3%	37.7%
1985	199	86.9%	13.1%	2000	437	60.0%	40.0%
1986	263	86.7%	13.3%	2001	446	57.2%	42.8%
1987	363	84.0%	16.0%	2002	476	57.1%	42.9%
1988	400	80.5%	19.5%	2003	550	62.0%	38.0%
1989	485	84.1%	15.9%	2004	602	55.5%	44.5%
1990	495	76.0%	24.0%	2005	599	58.1%	41.9%
1991	576	78.1%	21.9%	2006	677	57.9%	42.1%
1992	504	76.4%	23.6%	2007	845	60.0%	40.0%
1993	423	75.2%	24.8%	2008	772	61.9%	38.1%
1994	397	74.3%	25.7%	2009	669	63.4%	36.6%
1995	420	69.0%	31.0%	2010	659	69.0%	31.0%
1996	381	67.2%	32.8%	2011	620	68.1%	31.9%
1997	416	62.0%	38.0%	2012	589	71.0%	29.0%
1998	387	66.7%	33.3%	TOTAL	14,185	67.6%	32.4%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013

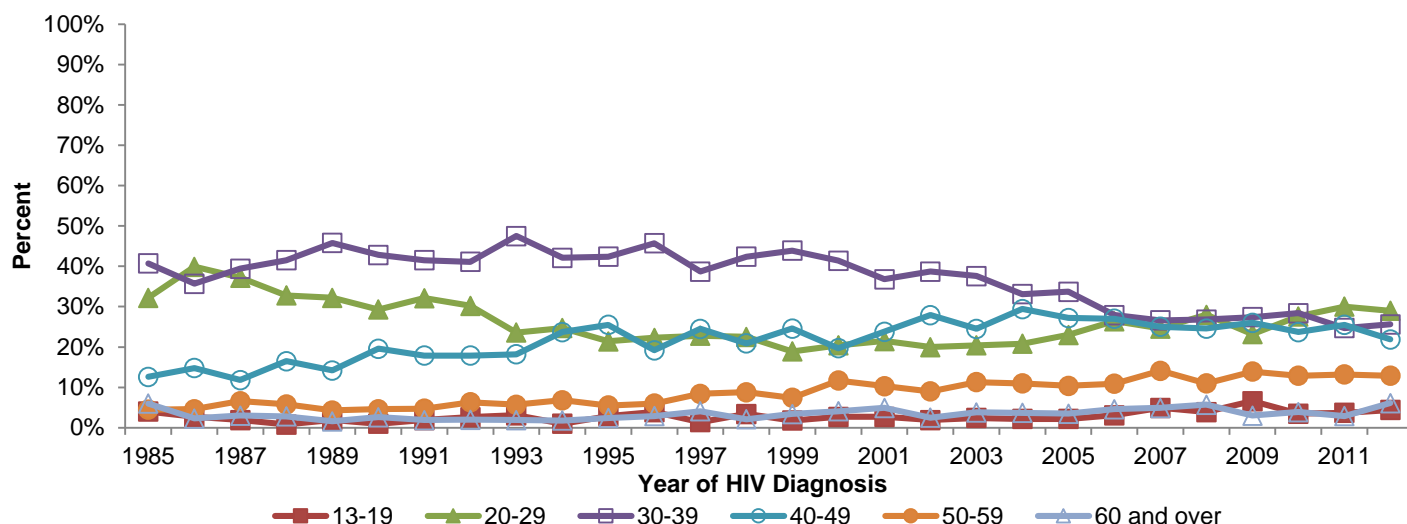
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	100	2.0%	58.0%	40.0%	0.0%
1985	199	4.5%	46.7%	45.2%	3.5%
1986	263	4.6%	51.7%	41.8%	1.9%
1987	363	2.5%	50.4%	46.0%	1.1%
1988	400	6.5%	55.5%	36.0%	2.0%
1989	485	3.5%	61.9%	33.0%	1.6%
1990	495	3.2%	64.6%	29.3%	2.8%
1991	576	5.7%	68.6%	23.6%	2.1%
1992	504	6.5%	70.6%	21.2%	1.6%
1993	423	6.1%	75.2%	16.5%	2.1%
1994	397	5.0%	73.3%	19.6%	2.0%
1995	420	5.0%	78.1%	15.2%	1.7%
1996	381	7.1%	78.5%	11.3%	3.1%
1997	416	4.6%	80.8%	13.5%	1.2%
1998	387	4.7%	81.9%	10.1%	3.4%
1999	435	6.2%	81.1%	9.2%	3.4%
2000	437	7.8%	77.6%	11.0%	3.7%
2001	446	6.7%	82.7%	7.0%	3.6%
2002	476	5.7%	81.3%	8.6%	4.4%
2003	550	7.8%	82.5%	6.5%	3.1%
2004	602	6.0%	83.6%	7.6%	2.8%
2005	599	7.0%	83.3%	6.5%	3.2%
2006	677	8.0%	80.1%	8.9%	3.1%
2007	845	8.8%	77.5%	10.1%	3.7%
2008	772	10.6%	78.6%	6.9%	3.9%
2009	669	8.4%	81.3%	6.6%	3.7%
2010	659	8.6%	78.5%	9.4%	3.5%
2011	620	10.0%	77.9%	8.4%	3.7%
2012	589	8.5%	78.1%	8.3%	5.1%
TOTAL	14,185	6.8%	75.2%	15.1%	3.0%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013

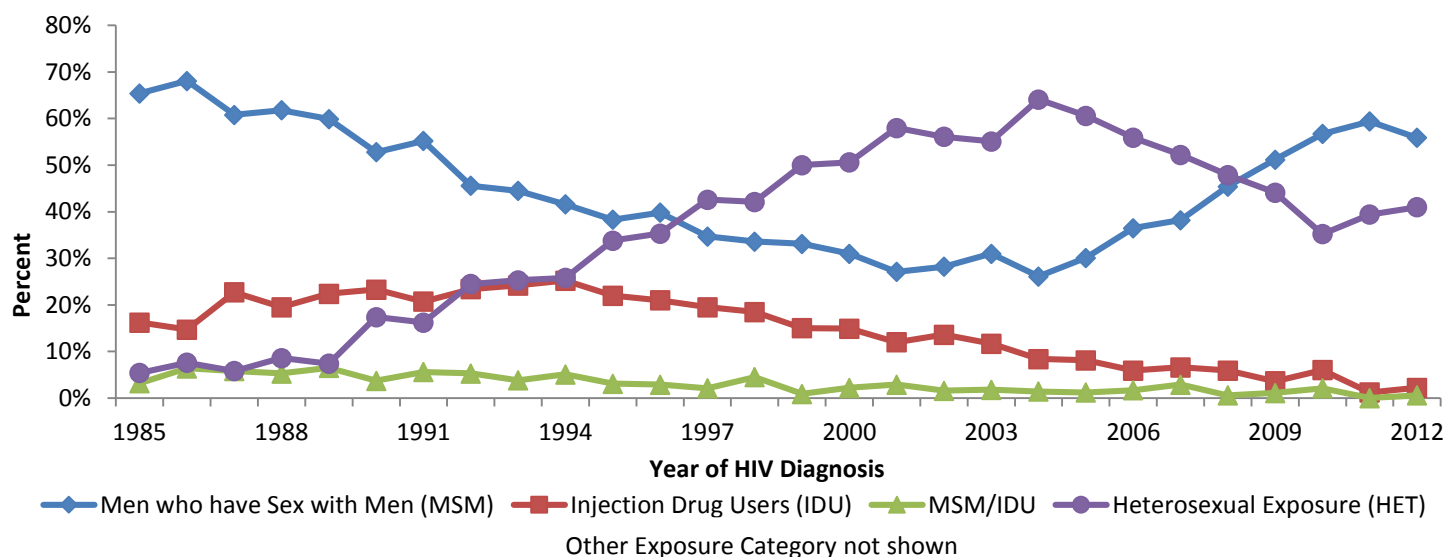
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	100	7.0%	35.0%	33.0%	18.0%	4.0%	3.0%
1985	199	4.0%	32.2%	40.7%	12.6%	4.5%	6.0%
1986	263	2.7%	39.9%	35.7%	14.8%	4.6%	2.3%
1987	363	1.9%	37.2%	39.4%	11.8%	6.6%	3.0%
1988	400	0.8%	32.8%	41.5%	16.5%	5.8%	2.8%
1989	485	1.9%	32.2%	45.8%	14.2%	4.3%	1.6%
1990	495	1.0%	29.3%	42.8%	19.6%	4.6%	2.6%
1991	576	1.9%	32.1%	41.5%	17.9%	4.7%	1.9%
1992	504	2.6%	30.2%	41.1%	17.9%	6.3%	2.0%
1993	423	3.1%	23.6%	47.5%	18.2%	5.7%	1.9%
1994	397	1.0%	24.7%	42.1%	23.7%	6.8%	1.8%
1995	420	2.9%	21.4%	42.4%	25.5%	5.5%	2.4%
1996	381	3.9%	22.3%	45.7%	19.2%	6.0%	2.9%
1997	416	1.4%	22.8%	38.7%	24.5%	8.4%	4.1%
1998	387	3.4%	22.5%	42.4%	20.9%	8.8%	2.1%
1999	435	1.8%	18.9%	43.9%	24.6%	7.4%	3.4%
2000	437	2.7%	20.4%	41.4%	19.7%	11.7%	4.1%
2001	446	2.7%	21.5%	36.8%	23.8%	10.3%	4.9%
2002	476	1.9%	20.0%	38.7%	27.9%	9.0%	2.5%
2003	550	2.4%	20.4%	37.6%	24.5%	11.3%	3.8%
2004	602	2.2%	20.8%	33.1%	29.4%	11.0%	3.7%
2005	599	2.2%	23.0%	33.7%	27.2%	10.4%	3.5%
2006	677	3.1%	26.4%	27.9%	27.0%	10.9%	4.6%
2007	845	4.9%	24.6%	26.6%	25.0%	14.1%	4.9%
2008	772	3.9%	28.0%	26.8%	24.6%	11.0%	5.7%
2009	669	6.6%	23.2%	27.4%	26.0%	13.9%	3.0%
2010	659	3.5%	27.6%	28.4%	23.7%	12.9%	3.9%
2011	620	3.7%	30.0%	24.7%	25.5%	13.2%	2.9%
2012	589	4.4%	29.0%	25.6%	21.9%	12.9%	6.1%
TOTAL	14,185	3.0%	26.1%	35.7%	22.5%	9.3%	3.5%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	100	88	70.5%	13.6%	4.5%	8.0%	3.4%
1985	199	185	65.4%	16.2%	3.2%	5.4%	9.7%
1986	263	251	68.1%	14.7%	6.4%	7.6%	3.2%
1987	363	344	60.8%	22.7%	5.8%	5.8%	4.9%
1988	400	374	61.8%	19.5%	5.3%	8.6%	4.8%
1989	485	446	59.9%	22.4%	6.5%	7.4%	3.8%
1990	495	460	52.8%	23.3%	3.7%	17.4%	2.8%
1991	576	518	55.2%	20.7%	5.6%	16.2%	2.3%
1992	504	432	45.6%	23.4%	5.3%	24.5%	1.2%
1993	423	364	44.5%	24.2%	3.8%	25.3%	2.2%
1994	397	353	41.6%	25.2%	5.1%	25.8%	2.3%
1995	420	355	38.3%	22.0%	3.1%	33.8%	2.8%
1996	381	309	39.8%	21.0%	2.9%	35.3%	1.0%
1997	416	329	34.7%	19.5%	2.1%	42.6%	1.2%
1998	387	292	33.6%	18.5%	4.5%	42.1%	1.4%
1999	435	326	33.1%	15.0%	0.9%	50.0%	0.9%
2000	437	316	31.0%	14.9%	2.2%	50.6%	1.3%
2001	446	343	27.1%	12.0%	2.9%	58.0%	0.0%
2002	476	369	28.2%	13.6%	1.6%	56.1%	0.5%
2003	550	445	31.0%	11.7%	1.8%	55.1%	0.4%
2004	602	440	26.1%	8.4%	1.4%	64.1%	0.0%
2005	599	409	30.1%	8.1%	1.2%	60.6%	0.0%
2006	677	406	36.5%	5.9%	1.7%	55.9%	0.0%
2007	845	456	38.2%	6.6%	2.9%	52.2%	0.2%
2008	772	357	45.4%	5.9%	0.6%	47.9%	0.3%
2009	669	281	51.2%	3.6%	1.1%	44.1%	0.0%
2010	659	284	56.7%	6.0%	2.1%	35.2%	0.0%
2011	620	254	59.4%	1.2%	0.0%	39.4%	0.0%
2012	589	322	55.9%	2.2%	0.6%	41.0%	0.3%
TOTAL	14,185	10,108	44.2%	14.9%	3.1%	36.2%	1.6%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2013

JUISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Montgomery	834,814	194	32.9%	23.2	144	74.2%	75	38.7%	164	84.5%	308
Prince George's	733,568	395	67.1%	53.8	266	67.3%	131	33.2%	303	76.7%	321
TOTAL	1,568,382	589	100.0%	37.6	410	69.6%	206	35.0%	467	79.3%	319

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Montgomery	64,786	111	33.7%	171.3	2.0	72.1%
Prince George's	460,107	218	66.3%	47.4	2.4	61.5%
TOTAL	521,466	329	100.0%	63.1	2.2	65.0%

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Montgomery	64,786	1,441	34.6%	2,224.2	1,705	36.3%	2,631.7	3,146	35.5%	4,856.0	20
Prince George's	460,107	2,719	65.4%	591.0	2,993	63.7%	650.5	5,712	64.5%	1,241.5	80
TOTAL	521,466	4,160	100.0%	797.8	4,698	100.0%	900.9	8,858	100.0%	1,698.7	58

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Montgomery	3,146	1,585	50.4%	504	13.4%	13.9%	21.9%	50.9%
Prince George's	5,712	3,051	53.4%	471	15.5%	17.1%	20.9%	46.4%
TOTAL	8,858	4,636	52.3%	484	14.8%	16.0%	21.3%	48.0%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Montgomery	3,146	1,531	48.7%	76.2%	5,887
Prince George's	5,712	2,992	52.4%	70.8%	9,354
TOTAL	8,858	4,523	51.1%	72.6%	8,265

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

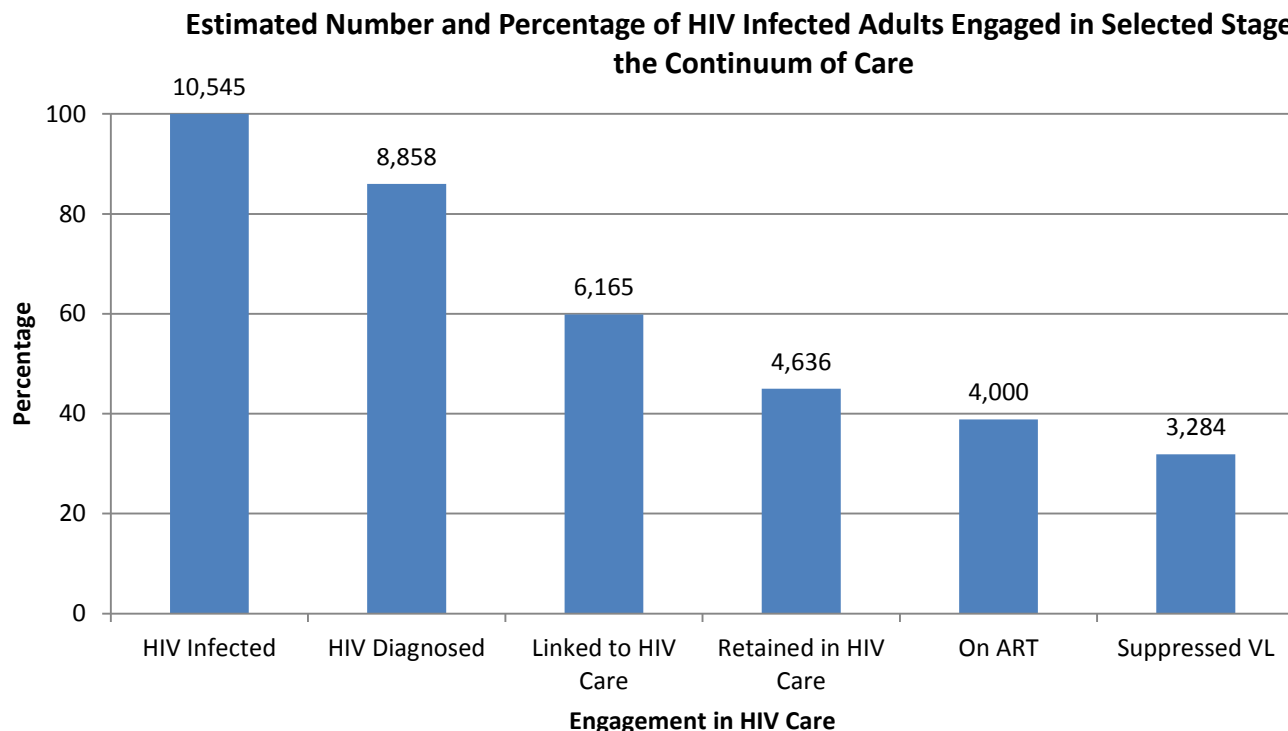
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2012 HIV Continuum of Care, Reported through 12/31/2013

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	10,545	100.0%
HIV Diagnosed	8,858	86.0%
Linked to HIV Care	6,165	59.9%
Retained in HIV Care	4,636	45.0%
On ART	4,000	38.8%
Suppressed VL	3,284	31.9%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	150,008	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	235,949	2	0.3%	0.8	***	***	***	***	***	***	***
13-19	219,026	26	4.4%	11.9	***	***	***	***	***	***	***
20-29	323,980	171	28.9%	52.8	113	66.1%	45	26.3%	131	76.6%	339
30-39	310,436	151	25.5%	48.6	99	65.6%	53	35.1%	118	78.1%	352
40-49	339,314	129	21.8%	38.0	98	76.0%	55	42.6%	103	79.8%	228
50-59	337,109	76	12.9%	22.5	60	78.9%	33	43.4%	66	86.8%	299
60+	440,163	36	6.1%	8.2	27	75.0%	13	36.1%	30	83.3%	305
TOTAL	2,355,985	591	100.0%	25.1	411	69.5%	206	34.9%	468	79.2%	319

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	150,008	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	235,949	0	0.0%	0.0	--	0.0%
13-19	219,026	9	2.7%	4.1	1.2	88.9%
20-29	323,980	68	20.5%	21.0	1.8	70.6%
30-39	310,436	76	22.9%	24.5	2.3	64.5%
40-49	339,314	104	31.3%	30.7	2.8	58.7%
50-59	337,109	51	15.4%	15.1	2.6	64.7%
60+	440,163	24	7.2%	5.5	2.6	62.5%
TOTAL	2,355,985	332	100.0%	14.1	2.4	64.5%

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	150,008	2	0.0%	1.3	-	0.0%	0.0	2	0.0%	1.3	75,004
5-12	235,949	37	0.9%	15.7	4	0.1%	1.7	41	0.5%	17.4	5,754
13-19	219,026	77	1.8%	35.2	31	0.7%	14.2	108	1.2%	49.3	2,028
20-29	323,980	748	17.6%	230.9	306	6.4%	94.5	1,054	11.7%	325.3	307
30-39	310,436	1,049	24.7%	337.9	871	18.3%	280.6	1,920	21.3%	618.5	161
40-49	339,314	1,200	28.2%	353.7	1,668	35.1%	491.6	2,868	31.9%	845.2	118
50-59	337,109	824	19.4%	244.4	1,323	27.9%	392.5	2,147	23.9%	636.9	157
60+	440,163	313	7.4%	71.1	545	11.5%	123.8	858	9.5%	194.9	513
TOTAL	2,355,985	4,250	100.0%	180.4	4,748	100.0%	201.5	8,998	100.0%	381.9	261

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	54	29	53.7%	540	3.4%	10.3%	24.1%	62.1%
20-29	1,015	541	53.3%	463	15.2%	16.1%	25.7%	43.1%
30-39	1,918	982	51.2%	487	16.3%	14.6%	20.9%	48.3%
40-49	2,867	1,538	53.6%	491	15.0%	15.7%	20.6%	48.6%
50-59	2,147	1,135	52.9%	491	13.7%	17.4%	20.4%	48.5%
60+	857	411	48.0%	484	13.4%	17.0%	21.2%	48.4%
TOTAL	8,858	4,636	52.3%	484	14.8%	16.0%	21.3%	48.0%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	54	28	51.9%	28.6%	1,888
20-29	1,015	547	53.9%	55.0%	9,463
30-39	1,918	978	51.0%	68.3%	10,205
40-49	2,867	1,503	52.4%	75.1%	9,133
50-59	2,147	1,072	49.9%	80.2%	4,870
60+	857	395	46.1%	80.8%	6,165
TOTAL	8,858	4,523	51.1%	72.6%	8,265

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	745,368	418	71.0%	56.1	284	67.9%	145	34.7%	325	77.8%	309
Female	823,014	171	29.0%	20.8	126	73.7%	61	35.7%	142	83.0%	362
TOTAL	1,568,382	589	100.0%	37.6	410	69.6%	206	35.0%	467	79.3%	319

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	244,120	50	8.5%	20.5	32	64.0%	22	44.0%	40	80.0%	309
Non-Hispanic	1,324,262	539	91.5%	40.7	378	70.1%	184	34.1%	427	79.2%	319
American Indian/Alaska Native, only	3,310	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	155,296	11	2.0%	7.1	7	63.6%	3	27.3%	8	72.7%	315
Black, only	604,041	460	85.3%	76.2	319	69.3%	153	33.3%	359	78.0%	314
Native Hawaiian/Other Pacific Islander, only	752	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White only	533,336	49	9.1%	9.2	39	79.6%	15	30.6%	42	85.7%	477
Multiracial/Other	27,527	19	3.5%	69.0	13	68.4%	13	68.4%	18	94.7%	147
TOTAL	1,568,382	589	100.0%	37.6	410	69.6%	206	35.0%	467	79.3%	319

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	1,033,444	405	68.8%	39.2	281	69.4%	136	33.6%	317	78.3%	311
Foreign-born	475,961	88	14.9%	18.5	58	65.9%	45	51.1%	75	85.2%	258
Africa	--	59	67.0%	--	40	67.8%	31	52.5%	50	84.7%	224
Asia	--	4	4.5%	--	0	0.0%	***	***	***	***	***
Caribbean	--	8	9.1%	--	***	***	5	62.5%	8	100.0%	557
Central America	--	12	13.6%	--	8	66.7%	***	***	11	91.7%	403
Other	--	5	5.7%	--	***	***	***	***	***	***	***
Unknown	--	96	16.3%	--	71	74.0%	25	26.0%	75	78.1%	414
TOTAL	1,509,405	589	100.0%	39.0	410	69.6%	206	35.0%	467	79.3%	319

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	745,368	221	67.2%	29.6	1.9	68.8%
Female	823,014	108	32.8%	13.1	3.0	57.4%
TOTAL	1,568,382	329	100.0%	21.0	2.2	65.0%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	244,120	27	8.2%	11.1	1.7	74.1%
Non-Hispanic	1,324,262	302	91.8%	22.8	2.3	64.2%
American Indian/Alaska Native, only	3,310	0	0.0%	0.0	--	0.0%
Asian, only	155,296	2	0.7%	1.3	***	***
Black, only	604,041	259	85.8%	42.9	2.3	63.7%
Native Hawaiian/Other Pacific Islander, only	752	0	0.0%	0.0	--	0.0%
White only	533,336	26	8.6%	4.9	1.8	73.1%
Multiracial/Other	27,527	15	5.0%	54.5	3.0	60.0%
TOTAL	1,568,382	329	100.0%	21.0	2.2	65.0%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	1,033,444	237	72.0%	22.9	2.5	61.6%
Foreign-born	475,961	58	17.6%	12.2	1.3	74.1%
Africa	--	45	77.6%	--	1.3	71.1%
Asia	--	1	1.7%	--	***	***
Caribbean	--	3	5.2%	--	***	***
Central America	--	6	10.3%	--	1.8	83.3%
Other	--	3	5.2%	--	***	***
Unknown	--	34	10.3%	--	1.9	73.5%
TOTAL	1,509,405	329	100.0%	21.8	2.2	65.0%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	745,368	2,545	61.2%	341.4	2,998	63.8%	402.2	5,543	62.6%	743.7	134
Female	823,014	1,615	38.8%	196.2	1,700	36.2%	206.6	3,315	37.4%	402.8	248
TOTAL	1,568,382	4,160	100.0%	265.2	4,698	100.0%	299.5	8,858	100.0%	564.8	177

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	244,120	310	7.5%	127.0	417	8.9%	170.8	727	8.2%	297.8	335
Non-Hispanic	1,324,262	3,850	92.5%	290.7	4,281	91.1%	323.3	8,131	91.8%	614.0	162
American Indian/Alaska Native, only	3,310	5	0.1%	151.1	1	0.0%	30.2	6	0.1%	181.3	551
Asian, only	155,296	48	1.2%	30.9	23	0.5%	14.8	71	0.9%	45.7	2,187
Black, only	604,041	3,254	84.5%	538.7	3,632	84.8%	601.3	6,886	84.7%	1,140.0	87
Native Hawaiian/Other Pacific Islander, only	752	4	0.1%	532.1	3	0.1%	399.0	7	0.1%	931.1	107
White only	533,336	452	11.7%	84.7	472	11.0%	88.5	924	11.4%	173.2	577
Multiracial/Other	27,527	87	2.3%	316.1	150	3.5%	544.9	237	2.9%	861.0	116
TOTAL	1,568,382	4,160	100.0%	265.2	4,698	100.0%	299.5	8,858	100.0%	564.8	177

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	1,033,444	3,237	77.8%	313.2	3,596	76.5%	348.0	6,833	77.1%	661.2	151
Foreign-born	475,961	594	14.3%	124.8	951	20.2%	199.8	1,545	17.4%	324.6	308
Africa	--	358	60.3%	--	603	63.4%	--	603	63.4%	--	--
Asia	--	24	4.0%	--	22	2.3%	--	22	2.3%	--	--
Caribbean	--	44	7.4%	--	70	7.4%	--	70	7.4%	--	--
Central America	--	76	12.8%	--	162	17.0%	--	162	17.0%	--	--
Other	--	91	15.3%	--	94	9.9%	--	94	9.9%	--	--
Unknown	--	329	7.9%	--	151	3.2%	--	480	5.4%	--	--
TOTAL	1,509,405	4,160	100.0%	275.6	4,698	100.0%	311.2	8,858	100.0%	586.9	170

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	5,543	2,820	50.9%	466	15.7%	17.1%	21.7%	45.6%
Female	3,315	1,816	54.8%	508	13.3%	14.4%	20.6%	51.6%
TOTAL	8,858	4,636	52.3%	484	14.8%	16.0%	21.3%	48.0%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	727	342	47.0%	474	16.1%	14.6%	23.7%	45.6%
Non-Hispanic	8,131	4,294	52.8%	486	14.6%	16.1%	21.1%	48.1%
American Indian/Alaska Native, only	6	4	66.7%	***	***	***	***	***
Asian, only	71	29	40.8%	521	10.3%	17.2%	20.7%	51.7%
Black, only	6,886	3,676	53.4%	478	14.9%	16.6%	21.3%	47.1%
Native Hawaiian/Other Pacific Islander, only	7	3	42.9%	***	***	***	***	***
White only	924	422	45.7%	574	10.9%	12.8%	18.2%	58.1%
Multiracial/Other	237	160	67.5%	451	18.1%	14.4%	23.1%	44.4%
TOTAL	8,858	4,636	52.3%	484	14.8%	16.0%	21.3%	48.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	6,833	3,529	51.6%	481	15.6%	15.7%	21.1%	47.7%
Foreign-born	1,545	790	51.1%	495	12.3%	16.8%	21.6%	49.2%
Africa	961	513	53.4%	472	12.1%	18.9%	22.8%	46.2%
Asia	46	22	47.8%	587	18.2%	0.0%	13.6%	68.2%
Caribbean	114	60	52.6%	595	6.7%	15.0%	11.7%	66.7%
Central America	238	115	48.3%	479	17.4%	15.7%	20.9%	46.1%
Other	185	79	42.7%	563	8.9%	11.4%	25.3%	54.4%
Unknown	480	317	66.0%	487	12.0%	17.7%	22.4%	47.9%
TOTAL	8,858	4,636	52.3%	484	14.8%	16.0%	21.3%	48.0%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	5,543	2,738	49.4%	72.2%	10,000
Female	3,315	1,785	53.8%	73.2%	5,472
TOTAL	8,858	4,523	51.1%	72.6%	8,265

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	727	341	46.9%	76.5%	6,247
Non-Hispanic	8,131	4,182	51.4%	72.3%	8,390
American Indian/Alaska Native, only	6	4	66.7%	***	***
Asian, only	71	31	43.7%	74.2%	70,496
Black, only	6,886	3,588	52.1%	71.7%	8,308
Native Hawaiian/Other Pacific Islander, only	7	3	42.9%	***	***
White only	924	412	44.6%	80.8%	7,160
Multiracial/Other	237	144	60.8%	61.8%	12,620
TOTAL	8,858	4,523	51.1%	72.6%	8,265

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	6,833	3,426	50.1%	71.2%	9,709
Foreign-born	1,545	782	50.6%	78.5%	2,837
Africa	961	503	52.3%	79.3%	2,790
Asia	46	23	50.0%	82.6%	27,300
Caribbean	114	60	52.6%	70.0%	3,890
Central America	238	117	49.2%	74.4%	6,043
Other	185	78	42.2%	84.6%	2,331
Unknown	480	315	65.6%	73.3%	9,571
TOTAL	8,858	4,523	51.1%	72.6%	8,265

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

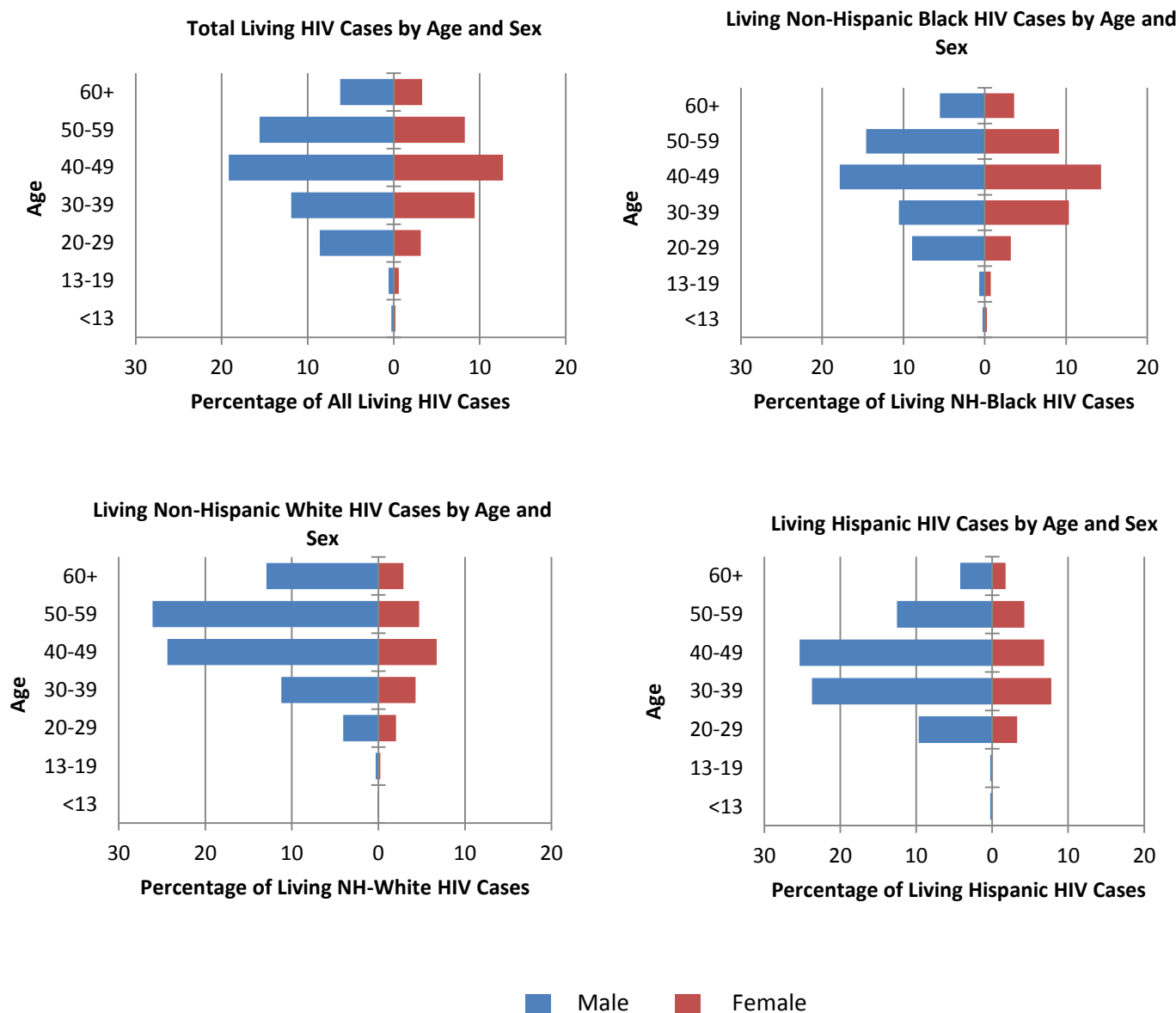
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	38,344	62,280	39,534	21,723	161,881
	Cases	2	19	1	2	24
	Rate	5.2	30.5	2.5	9.2	14.8
	Ratio (1 in X)	19,171	3,277	39,534	10,861	6,745
13-19	Population	17,020	36,659	25,375	10,667	89,721
	Cases	2	47	3	2	54
	Rate	11.8	128.2	11.8	18.8	60.2
	Ratio (1 in X)	8,510	779	8,458	5,333	1,661
20-29	Population	31,603	48,702	36,311	15,198	131,814
	Cases	71	626	38	37	772
	Rate	224.7	1,285.4	104.7	243.5	585.7
	Ratio (1 in X)	445	77	955	410	170
30-39	Population	34,254	43,765	32,568	16,385	126,972
	Cases	174	741	105	53	1,073
	Rate	508.0	1,693.1	322.4	323.5	845.1
	Ratio (1 in X)	196	59	310	309	118
40-49	Population	23,568	51,505	40,820	15,498	131,391
	Cases	186	1,250	228	62	1,726
	Rate	789.2	2,426.9	558.5	400.1	1,313.6
	Ratio (1 in X)	126	41	179	249	76
50-59	Population	13,373	46,109	51,992	13,437	124,911
	Cases	92	1021	244	46	1,403
	Rate	688.0	2,214.3	469.3	342.3	1,123.2
	Ratio (1 in X)	145	45	213	292	89
60+	Population	8,500	44,975	71,347	15,737	140,559
	Cases	31	387	121	21	560
	Rate	364.7	860.5	169.6	133.4	398.4
	Ratio (1 in X)	274	116	589	749	250
TOTAL MALES BY RACE/ ETHNICITY	Population	166,662	333,995	297,947	108,645	907,249
	Cases	558	4,091	740	223	5,612
	Rate	334.8	1,224.9	248.4	205.3	618.6
	Ratio (1 in X)	298	81	402	487	161

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	36,297	60,250	37,841	21,196	155,584
	Cases	0	18	0	1	19
	Rate	0.0	29.9	0.0	4.7	12.2
	Ratio (1 in X)	--	3,347	--	21,195	8,188
13-19	Population	15,629	35,855	23,453	10,344	85,281
	Cases	0	52	2	0	54
	Rate	0.0	145.0	8.5	0.0	63.3
	Ratio (1 in X)	--	689	11,726	--	1,579
20-29	Population	25,671	53,440	33,532	15,630	128,273
	Cases	24	224	19	15	282
	Rate	93.5	419.2	56.7	96.0	219.8
	Ratio (1 in X)	1,069	238	1,764	1,042	454
30-39	Population	27,585	54,451	33,443	19,612	135,091
	Cases	57	726	40	24	847
	Rate	206.6	1,333.3	119.6	122.4	627.0
	Ratio (1 in X)	483	75	836	817	159
40-49	Population	21,014	64,327	42,761	18,822	146,924
	Cases	50	1001	63	28	1,142
	Rate	237.9	1,556.1	147.3	148.8	777.3
	Ratio (1 in X)	420	64	678	672	128
50-59	Population	13,857	59,080	54,168	16,190	143,295
	Cases	31	640	44	29	744
	Rate	223.7	1,083.3	81.2	179.1	519.2
	Ratio (1 in X)	447	92	1,231	558	192
60+	Population	12,046	65,173	87,566	19,365	184,150
	Cases	13	253	27	5	298
	Rate	107.9	388.2	30.8	25.8	161.8
	Ratio (1 in X)	926	257	3,243	3,873	617
TOTAL FEMALES BY RACE/ ETHNICITY	Population	152,099	392,576	312,764	121,159	978,598
	Cases	175	2,914	195	102	3,386
	Rate	115.1	742.3	62.3	84.2	346.0
	Ratio (1 in X)	869	134	1,603	1,187	289

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	323	100.0%	229	70.9%	112	34.7%	82.7%	319
Men who have Sex with Men (MSM)	180	55.7%	120	66.7%	55	30.6%	82.8%	356
Injection Drug Users (IDU)	7	2.2%	3	42.9%	3	42.9%	28.6%	146
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	132	40.9%	103	78.0%	53	40.2%	85.6%	262
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	266		181	68.0%	94	35.3%	75.2%	318
TOTAL	589		410	69.6%	206	35.0%	79.3%	319

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	244	100.0%	170	69.7%	85	34.8%	82.4%	310
Men who have Sex with Men (MSM)	180	73.8%	120	66.7%	55	30.6%	82.8%	356
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	57	23.4%	46	80.7%	27	47.4%	86.0%	204
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	174		114	65.5%	60	34.5%	71.3%	297
TOTAL	418		284	67.9%	145	34.7%	77.8%	309

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. Late HIV Diagnoses	% Late HIV Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	79	100.0%	59	74.7%	27	34.2%	83.5%	356
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	75	94.9%	57	76.0%	26	34.7%	85.3%	356
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure*	92		67	72.8%	34	37.0%	82.6%	387
TOTAL	171		126	73.7%	61	35.7%	83.0%	362

* Includes 4 HIV case with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	185	100.0%	2.2	67.6%
Men who have Sex with Men (MSM)	88	47.6%	2.1	70.5%
Injection Drug Users (IDU)	6	3.2%	4.2	66.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	88	47.6%	2.3	63.6%
Other Exposures	***	***	***	***
No Reported Exposure	144		2.3	61.8%
TOTAL	329		2.2	65.0%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	133	100.0%	1.9	71.4%
Men who have Sex with Men (MSM)	88	66.2%	2.1	70.5%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	40	30.1%	1.8	70.0%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	88		1.7	64.8%
TOTAL	221		1.9	68.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	52	100.0%	3.0	57.7%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	48	92.3%	2.7	58.3%
Other Exposures	***	***	***	***
No Reported Exposure*	56		3.1	57.1%
TOTAL	108		3.0	57.4%

* Includes 3 AIDS case with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2,231	100.0%	3,422	100.0%	5,653	100.0%
Men who have Sex with Men (MSM)	1,072	48.1%	1,188	34.7%	2,260	40.0%
Injection Drug Users (IDU)	118	5.3%	535	15.6%	653	11.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	31	1.4%	105	3.1%	136	2.4%
Heterosexual Exposure (HET)	1,000	44.8%	1,574	46.0%	2,574	45.5%
Other Exposures	10	0.4%	20	0.6%	30	0.5%
No Reported Exposure	1,929		1,276		3,205	
TOTAL	4,160		4,698		8,858	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,499	100.0%	2,276	100.0%	3,775	100.0%
Men who have Sex with Men (MSM)	1,072	71.5%	1,188	52.2%	2,260	59.9%
Injection Drug Users (IDU)	74	4.9%	331	14.5%	405	10.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	31	2.1%	105	4.6%	136	3.6%
Heterosexual Exposure (HET)	319	21.3%	642	28.2%	961	25.5%
Other Exposures	3	0.2%	10	0.4%	13	0.3%
No Reported Exposure	1,046		722		1,768	
TOTAL	2,545		2,998		5,543	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	732	100.0%	1,146	100.0%	1,878	100.0%
Injection Drug Users (IDU)	44	6.0%	204	17.8%	248	13.2%
Heterosexual Exposure (HET)	681	93.0%	932	81.3%	1,613	85.9%
Other Exposures	7	1.0%	10	0.9%	17	0.9%
No Reported Exposure*	883		554		1,437	
TOTAL	1,615		1,700		3,315	

* Includes 22 HIV cases without AIDS and 30 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	507	100.0%	4,303	100.0%	626	100.0%
Men who have Sex with Men (MSM)	221	43.6%	1,496	34.8%	435	69.5%
Injection Drug Users (IDU)	28	5.5%	527	12.2%	64	10.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	2.0%	93	2.2%	24	3.8%
Heterosexual Exposure (HET)	247	48.7%	2,167	50.4%	94	15.0%
Other Exposures	1	0.2%	20	0.5%	9	1.4%
No Reported Exposure	220		2,583		298	
TOTAL	727		6,886		924	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	397	100.0%	2,687	100.0%	536	100.0%
Men who have Sex with Men (MSM)	221	55.7%	1,496	55.7%	435	81.2%
Injection Drug Users (IDU)	22	5.5%	329	12.2%	35	6.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	2.5%	93	3.5%	24	4.5%
Heterosexual Exposure (HET)	143	36.0%	764	28.4%	35	6.5%
Other Exposures	1	0.3%	5	0.2%	7	1.3%
No Reported Exposure	156		1,349		198	
TOTAL	553		4,036		734	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	110	100.0%	1,616	100.0%	90	100.0%
Injection Drug Users (IDU)	6	5.5%	198	12.3%	29	32.2%
Heterosexual Exposure (HET)	104	94.5%	1,403	86.8%	59	65.6%
Other Exposures	0	0.0%	15	0.9%	2	2.2%
No Reported Exposure*	64		1,234		100	
TOTAL	174		2,850		190	

* Includes 3 Hispanic cases, 45 non-Hispanic black cases and 3 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	5,653	3,006	53.2%	485	14.6%	15.5%	21.9%	48.0%
Men who have Sex with Men (MSM)	2,260	1,123	49.7%	499	12.6%	15.6%	21.9%	49.9%
Injection Drug Users (IDU)	653	348	53.3%	410	23.9%	18.7%	20.4%	37.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	136	74	54.4%	419	14.9%	18.9%	36.5%	29.7%
Heterosexual Exposure (HET)	2,574	1,448	56.3%	500	13.8%	14.5%	21.7%	50.0%
Other Exposures	30	13	43.3%	520	30.8%	7.7%	7.7%	53.8%
No Reported Exposure*	3,205	1,630	50.9%	482	15.0%	17.1%	20.1%	47.9%
TOTAL	8,858	4,636	52.3%	484	14.8%	16.0%	21.3%	48.0%

* Includes 52 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	5,653	2,887	51.1%	73.0%	8,910
Men who have Sex with Men (MSM)	2,260	1,100	48.7%	71.7%	12,730
Injection Drug Users (IDU)	653	295	45.2%	66.4%	14,601
Men who have Sex with Men and Inject Drugs (MSM/IDU)	136	66	48.5%	65.2%	5,265
Heterosexual Exposure (HET)	2,574	1,416	55.0%	75.8%	5,820
Other Exposures	30	10	33.3%	60.0%	30,760
No Reported Exposure*	3,205	1,636	51.0%	72.0%	7,160
TOTAL	8,858	4,523	51.1%	72.6%	8,265

* Includes 52 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

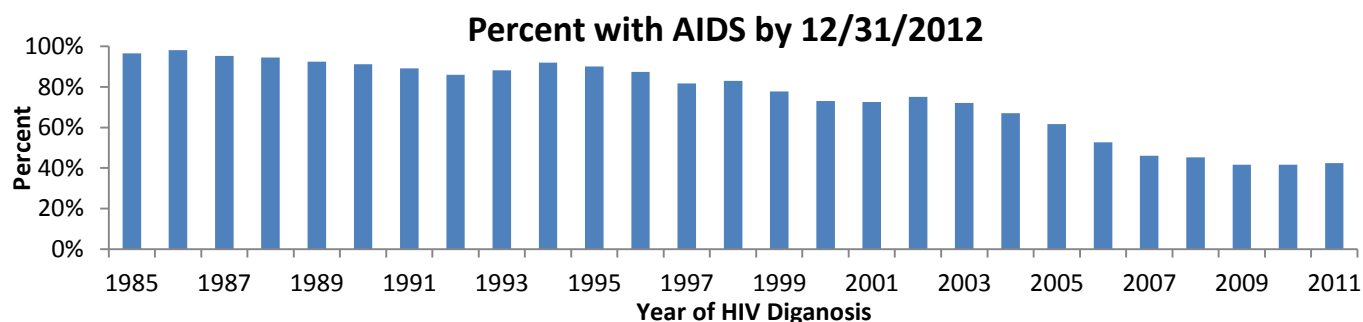
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2011, Reported through 12/31/2013

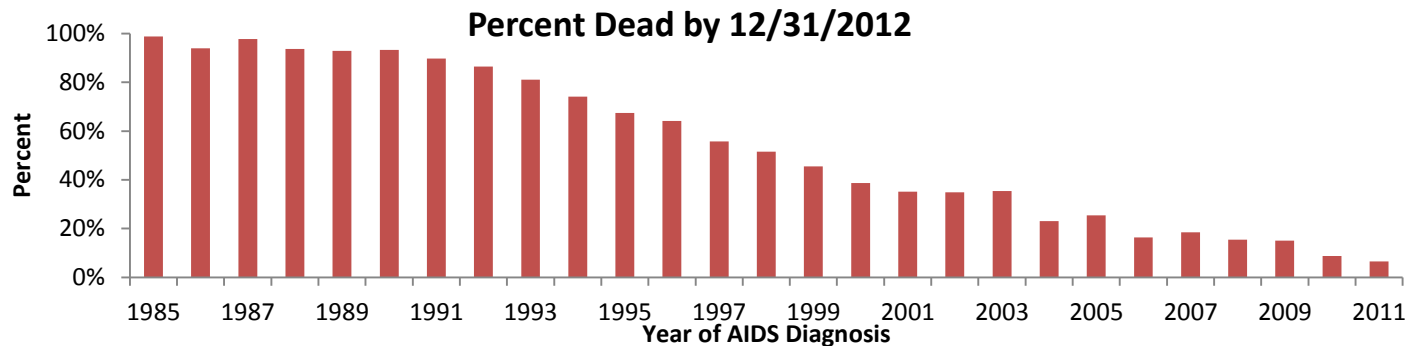
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	100	94	94.0%	6.6	47.0%	47.0%	51.0%	64.0%
1985	199	192	96.5%	5.5	44.2%	45.7%	50.3%	75.9%
1986	263	258	98.1%	4.7	43.7%	44.9%	55.1%	87.5%
1987	363	346	95.3%	3.5	50.1%	51.0%	65.8%	87.3%
1988	400	378	94.5%	3.0	50.3%	54.3%	74.3%	89.3%
1989	485	448	92.4%	2.9	50.3%	53.2%	73.8%	86.8%
1990	495	451	91.1%	2.6	50.3%	57.6%	75.8%	86.7%
1991	576	513	89.1%	2.4	51.6%	59.4%	77.1%	83.9%
1992	504	433	85.9%	2.7	49.6%	56.3%	71.2%	79.0%
1993	423	373	88.2%	2.1	58.4%	64.5%	75.2%	83.2%
1994	397	365	91.9%	1.6	68.3%	73.6%	80.4%	88.4%
1995	420	378	90.0%	1.7	66.7%	72.6%	77.4%	86.2%
1996	381	333	87.4%	1.8	63.5%	66.1%	75.6%	83.5%
1997	416	340	81.7%	1.6	61.5%	65.1%	71.4%	78.8%
1998	387	321	82.9%	1.8	59.9%	63.8%	70.8%	79.8%
1999	435	338	77.7%	1.4	61.1%	64.6%	68.7%	75.2%
2000	437	319	73.0%	1.4	56.5%	59.0%	65.2%	71.4%
2001	446	324	72.6%	1.2	56.1%	58.3%	67.0%	71.3%
2002	476	357	75.0%	0.8	63.7%	67.2%	71.8%	73.9%
2003	550	396	72.0%	0.9	60.4%	62.5%	66.7%	--
2004	602	404	67.1%	1.1	55.1%	57.5%	60.6%	--
2005	599	369	61.6%	0.7	53.1%	55.1%	58.3%	--
2006	677	357	52.7%	0.9	42.7%	45.1%	49.6%	--
2007	845	389	46.0%	0.9	36.8%	38.1%	--	--
2008	772	350	45.3%	0.9	35.6%	38.1%	--	--
2009	669	279	41.7%	0.8	33.3%	35.4%	--	--
2010	659	274	41.6%	0.4	34.9%	38.7%	--	--
2011	620	263	42.4%	0.4	37.6%	--	--	--
TOTAL	13,596	9,642	70.9%	1.9	50.1%	53.5%	61.4%	68.1%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013

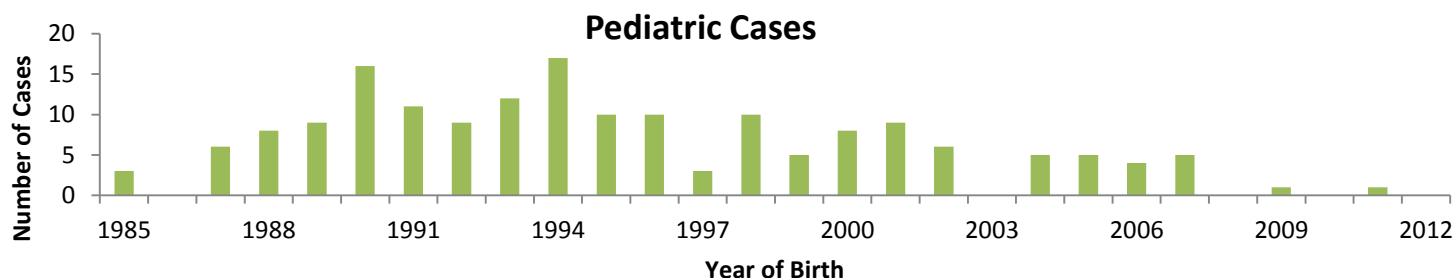


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	53	53	100.0%	0.9	32.1%	5.7%	1.9%	0.0%
1985	85	84	98.8%	1.4	38.8%	14.1%	10.6%	2.4%
1986	115	108	93.9%	1.7	51.3%	32.2%	12.2%	8.7%
1987	186	182	97.8%	1.8	52.2%	29.0%	9.7%	4.8%
1988	206	193	93.7%	2.0	62.6%	38.3%	15.0%	8.3%
1989	268	249	92.9%	2.6	66.8%	48.5%	19.0%	10.8%
1990	315	294	93.3%	2.4	64.4%	45.4%	17.8%	10.2%
1991	394	354	89.8%	2.2	64.7%	46.7%	17.5%	12.9%
1992	468	405	86.5%	2.6	70.1%	48.3%	22.9%	18.2%
1993	413	335	81.1%	2.9	70.7%	55.0%	32.7%	24.9%
1994	394	292	74.1%	2.4	74.1%	54.1%	36.5%	28.7%
1995	418	282	67.5%	3.7	73.0%	63.9%	52.9%	40.2%
1996	337	216	64.1%	4.5	78.6%	72.1%	61.1%	46.0%
1997	276	154	55.8%	3.6	79.7%	73.2%	59.8%	49.3%
1998	277	143	51.6%	4.7	86.3%	82.7%	70.4%	55.2%
1999	275	125	45.5%	3.4	84.4%	76.4%	69.1%	56.7%
2000	284	110	38.7%	4.9	93.0%	90.8%	80.3%	64.8%
2001	307	108	35.2%	3.7	87.9%	85.0%	76.5%	67.4%
2002	401	140	34.9%	3.2	88.0%	84.0%	74.6%	66.6%
2003	449	159	35.4%	2.7	86.4%	81.7%	72.2%	--
2004	408	94	23.0%	2.0	89.0%	86.0%	80.1%	--
2005	429	109	25.4%	1.9	87.9%	85.1%	77.6%	--
2006	423	69	16.3%	2.2	93.1%	90.5%	85.8%	--
2007	362	67	18.5%	1.3	88.7%	86.2%	--	--
2008	330	51	15.5%	1.0	89.4%	87.0%	--	--
2009	286	43	15.0%	0.8	89.9%	86.7%	--	--
2010	366	32	8.7%	0.6	93.7%	91.5%	--	--
2011	306	20	6.5%	0.5	95.4%	--	--	--
TOTAL	8,831	4,471	50.6%	2.7	80.0%	70.8%	58.5%	52.0%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2012, as Reported by Name through 12/31/2013



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	21	5	1	0	
1985	3	4	2	1	8
1986	0	5	0	0	13
1987	6	5	4	0	18
1988	8	3	3	2	18
1989	9	6	5	2	22
1990	16	10	5	4	28
1991	11	11	8	3	36
1992	9	11	7	2	46
1993	12	8	8	4	49
1994	17	7	4	2	55
1995	10	9	7	5	53
1996	10	10	8	2	59
1997	3	3	5	0	61
1998	10	4	0	3	62
1999	5	13	6	0	71
2000	8	6	4	0	76
2001	9	5	3	2	81
2002	6	10	3	0	90
2003	0	3	1	4	90
2004	5	4	2	3	92
2005	5	8	2	3	98
2006	4	11	3	1	107
2007	5	18	3	1	125
2008	0	5	2	0	130
2009	1	2	0	0	132
2010	0	1	2	1	134
2011	1	5	2	0	137
2012	0	2	2	0	140
TOTAL	194	194	102	45	

Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Montgomery	0	0.0%	42	30.0%
Prince George's	2	100.0%	98	70.0%
TOTAL	2	100.0%	140	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	1	50.0%	69	49.3%
Female	1	50.0%	71	50.7%
TOTAL	2	100.0%	140	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	6	4.3%
Non-Hispanic	2	100.0%	134	95.7%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	1	0.7%
Black, only	2	100.0%	119	88.8%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	11	8.2%
Multiracial/Other	0	0.0%	3	2.2%
TOTAL	2	100.0%	140	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2012.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year